

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY BY ASSIGNEE

Under the provisions of 37 C.F.R. § 3.71, AREVA NP Inc., the undersigned assignee of record of the entire interest in the patents and patent applications identified on the attached Schedule A by virtue of assignment as indicated on a paper included as part of this filing, elects to conduct the prosecution of the application/maintenance of the applications/patents to the exclusion of the inventor(s). The undersigned hereby declares that he has reviewed the above-referenced assignments and hereby declares that, to the best of his knowledge, title is in the Assignee, and further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true. The assignee hereby revokes any previous powers of attorney and appoints the following to transact all business, including prosecution, in the Patent and Trademark Office connected therewith:

Practitioners associated with Customer Number 89606

of Sean P. O'Hanlon, Esq., PLLC having an address of 460 S. Union St., Alexandria, VA 22314.
In addition, please direct all communications to:

The address associated with Customer Number 89606

The above-identified attorneys are now to be indicated to have the full power to prosecute the above-identified application before the U.S. Patent and Trademark Office.

**ASSIGNEE
AREVA NP Inc.**

Date: 15 February 2010

By:



David Royer
Senior Counsel

SCHEDULE A

Application No.	Patent No.	Title
07/674,014	5,180,540	Fuel Rod Consolidation Structure
07/703,082	5,117,548	Apparatus For Loosening A Mechanical Plug In A Heat Exchanger Tube
07/726,094	5,124,116	Grid Key For Exterior Grid Cells
07/915,573	5,272,742	Upper End Fitting
07/970,760	5,299,245	Spacer Grid For A Nuclear Fuel Assembly
08/097,502	5,359,632	Permanent Canal Seal Plate
08/123,419	5,339,341	Mid Span Mixer Grid
08/151,453	5,377,242	Method And System For Emergency Core Cooling
08/164,232	5,373,540	Spent Nuclear Fuel Shipping Basket
08/213,321	5,367,548	Guide Tube Retainer
08/214,713	5,361,283	Guide Tube Retainer
08/219,679	5,361,287	Nuclear Fuel Assembly Lower End Fitting
08/298,813	5,461,647	Drive Tool For Upper End Fitting Locking Arrangement
08/305,251	5,606,792	Hydraulic Expander Assembly And Control System
08/339,947	5,593,578	Filter Adapter And Disposable Filter
08/394,921	5,511,223	Diverse Processer Electronic Protection And Control Module
08/408,670	5,587,025	Nuclear SG Chemical Cleaning Passivation Solution
08/535,570	5,813,370	Steam Generator Lancing System
08/561,485	5,678,230	Disposable Media Filter
08/563,181	5,736,052	Ion Exchange Resin Particle Separation System
08/705,234	5,684,845	Multi-Axis Grid Keying Fixture
08/762,538	5,791,046	Method Of Sleeving Damaged Heat Exchanger Tubes
08/822,277	5,873,142	Lance Head
08/867,050	5,923,555	Welding System
08/946,536	5,898,745	Nuclear Fuel Assembly Locator
09/027,944	5,999,584	Reactor Head Lift Apparatus
09/065,824	6,269,956	Disposable Media Filter
09/079,578	6,076,407	Pipe Inspection Probe
09/294,470	6,327,321	Borated Aluminum Rodlets For Use In Spent Nuclear Fuel Assemblies
09/575,887	6,639,961	Nuclear Fuel Pellet Loading Method And Machine For Same
09/594,072	6,358,120	Vision Enhanced Under Water Waterjet
09/650,925	6,502,452	Method Of Testing Boiler Tube Integrity And Probe For Same
09/724,035	6,421,916	Method For The Removal Of Rib Plugs Using A Spiral TIG Welding Technique To Relax The Rib Plug
09/757,190	6,676,039	Pressurized Abrasive Feed And Metering System For Waterjet Cutting Systems

Application No.	Patent No.	Title
09/834,536	6,607,670	Process For Rapid Colloidal Suspension Removal
09/996,646	6,682,287	Segmented Link Robot For Waste Removal
10/010,152	6,732,425	Heat Exchanger Sleeve End Expander Apparatus
10/015,982	6,772,638	UT Detection and Sizing Method For Thin Walled Tubes
10/077,204	6,678,344	Method And Apparatus For Producing Radioisotopes
10/437,156	6,856,662	Remote Examination Of Reactor Nozzle J-Groove Welds
10/643,054	7,046,032	Electrical Connection Plug For Remote Monitoring Of High Voltage Motors
10/674,121	7,533,715	Tube Walker For Examination And Repair Of Steam Generators
10/941,726	7,285,747	Flux Assisted Gas Tungsten Arc Welding Utilizing Consumable Inserts For Ultra Low Profile Welding Applications
11/082,067	7,162,981	System For Annulus Tooling Alignment With Suction Pickup In The Stay Dome On The Secondary Side Of A Steam Generator
11/209,902	7,346,141	Apparatus And Method For Moving A Ferromagnetic Element
11/212,250	7,302,917	Chemical Cleaning Of A Steam Generator During Mode 5 Generator Shut Down
11/493,265	7,464,670	System For Cleaning, Inspection And Tooling Delivery In The Secondary Side Of A Steam Generator
11/825,613	pending	Cladding Complex Piping Geometry
12/157,787	pending	High Crown Anti-Rotation Bolt